

# INTERNATIONAL SEARCH REPORT

International Application No  
T/JP2004/008152

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 B21B27/10

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 B21B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 0181, no. 14 (C-1171), 24 February 1994 (1994-02-24) & JP 5 306397 A (SUMITOMO METAL IND LTD), 19 November 1993 (1993-11-19) cited in the application abstract	1,2
A	PATENT ABSTRACTS OF JAPAN vol. 0102, no. 27 (M-505), 7 August 1986 (1986-08-07) & JP 61 063311 A (NIPPON KOKAN KK <NKK>), 1 April 1986 (1986-04-01) abstract  ----- -/--	1

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

° Special categories of cited documents :

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Date of the actual completion of the international search

15 September 2004

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23/09/2004

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PCT/JP2004/008152

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>PATENT ABSTRACTS OF JAPAN vol. 2000, no. 14, 5 March 2001 (2001-03-05) &amp; JP 2000 312903 A (NIPPON STEEL CORP), 14 November 2000 (2000-11-14) abstract</p> <p>-----</p>	1